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UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 7,064,842 B1  
APPLICATION NO. : 09/480506  
DATED : June 20, 2006  
INVENTOR(S) : Eiji Yamamoto

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title page of the patent, in item (75) Inventors, delete "June Hane, Hachioji (JP); Iwao Komazaki, Urawa (JP)"

Column 36, lines 22 to 30, delete the entire paragraphs:

"(Corresponding Embodiment of Invention and its Operation and Effect)

The embodiments and the operations and effects of the inventions of claims 4 and 5 described latter correspond to the first embodiment and the operation and effect of this embodiment.

(Corresponding Embodiment of Invention)

The invention of claim 6 described latter corresponds to the first embodiment of this invention."

Column 37, line 21, delete "(Corresponding Embodiment of Invention"; line 22, delete "Operation and Effect)"; line 34, delete "(Corresponding Embodiment of Invention".

Column 38, line 10, delete "(Operation and Effect)".

Column 39, lines 11 and 12, "it should be noted that light source" should read --it should be noted that return light noise is generated by the light that returns to the light source--; lines 15 and 16, "between the scale and light interference pattern" should read --between the scale and light source is changed, a change in the pitch of the diffraction interference pattern--; between lines 50 and 51, insert the entire paragraph:

-- The second light beam that has been split by the beam-splitting optical element is irradiated on the second scale pattern, which may have a uniform reflectance, transmissivity or diffraction efficiency.--.

*Printed and sealed in this*

*Twenty-second (22) Day of May, 2007*

*[Handwritten signature]*

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Note

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APPLICATION NO.: 09/480,506

ISSUE DATE : June 20, 2006

INVENTOR(S) : Eiji YAMAMOTO

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 40, between lines 37 and 38, insert the entire paragraph:

-- The second light beam that has been split by the beam-splitting optical element and irradiated on the second scale pattern having a uniform reflectance, transmissivity or diffraction efficiency, may then be irradiated on a third beam-splitting optical element where its principal axis is deflected again so that the light beam is led to the second photosensor... .

Column 40, line 50, delete "(Corresponding Embodiment of Invention)".

Note

This certificate supersedes certificate of correction issued  
May 22, 2007.

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